

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/938921 Filing Date TRANSMITTAL August 24, 2001 First Named Inventor **FORM** Walter C. Milliken Art Unit 2141 (to be used for all correspondence after initial filing) **Examiner Name** Q. N. Nguyen Attorney Docket Number BBNT-P01-128 5 Total Number of Pages in This Submission ENCLOSURES (Check all that apply) After Allowance Communication x | Fee Transmittal Form Drawing(s) Appeal Communication to Board of Licensing-related Papers Fee Attached Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please **Extension of Time Request** Terminal Disclaimer Identify below): Statement Regarding Substance of **Express Abandonment Request** Request for Refund Interview Return Receipt Postcard Information Disclosure Statement CD. Number of CD(s) Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name ROPES & GRAY LLP Signature Printed name John V**∄**Bianco Date Reg. No. 36,748 June 21, 2005

an envelope addressed to: MS AF, Commissione	g deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in ner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. ature: (Joanne Ryan)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 621/05

Signature: (Joanne Ryan)

Docket No.: BBNT-P01-128

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Milliken et al.

Application No.: 09/938921

Confirmation No.: 3501

Filed: August 24, 2001

Art Unit: 2141

For: TERNARY CONTENT ADDRESSABLE

MEMORY EMBEDDED IN A CENTRAL

PROCESSING UNIT

Examiner: Q. N. Nguyen

STATEMENT REGARDING SUBSTANCE OF INTERVIEW

MS AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Initially, Applicants wish to thank Examiner Nguyen for the courtesy extended in the interview on June 14, 2005.

During the interview, claims 1, 16, 20, and 21 were discussed. Applicants' representatives pointed out that Nataraj et al. (U.S. Patent No. 6,757,779) does not disclose or suggest the combination of features recited in claims 1, 16, 20, and 21.

More specifically, it is the understanding of the undersigned that Applicants' representatives pointed out that Nataraj et al. does not disclose or suggest a central processing unit (CPU) that includes a ternary content addressable memory (CAM), as required by claims 1 and 20. It is the further understanding of the undersigned that Applicants' representatives also pointed out that Nataraj et al. does not disclose or suggest an arithmetic logic unit (ALU) that includes a ternary CAM, as required by claims 16 and 21. No agreement was reached with respect to the patentability of claims 1-21.

Application No.: 09/938921 Docket No.: BBNT-P01-128

Applicants believe no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. BBNT-P01-128 from which the undersigned is authorized to draw.

Dated: June 21, 2005

Respectfully submitted,

John . Bianco

Registration No.: 36,748 ROPES & GRAY LLP One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant